#2
12/15/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of	:	PELED et al
Serial No.	:	
Filed	:	Concurrently
For	:	Serum-Derived Factor Inducing Cell Differentiation and Medical Uses Thereof
Art Unit	:	
Examiner	:	
Attorney Docket No.	:	01/22529

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent and Trademark Office
US Patent and Trademark Office
Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.97, we enclose a copy of the following PTO Form SB/08A listing references which may be material to the patentability of the present application.

A copy of the references cited is not provided inasmuch as they are included in parent Application Serial No. 09/332,254. These are being reported in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Respectfully submitted,

Sol Sheinbein
Registration No. 25,457
Attorney for Applicant

Date: November 7, 2001

Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. 01/22529	SERIAL NO.
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT Tony PELED et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AE	60-149529	8/7/85	JAPAN				
	AF	1,304,697	1/24/73	GREAT BRITAIN				
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM		Steinkuhler et al., "Increase of Cu,Zn-Superoxide Dismutase Activity During Differentiation of Human K562 Cells Involves Activation by Copper of a Constantly Expressed Copper-deficient Protein", The Journal of Biological Chemistry, vol. 266, no. 36, pp. 24580-24587, December 25, 1991
	AN		Darwish et al., "Mobilization of copper(II) from plasma components and mechanism of hepatic copper transport", The American Physiological Society, pp. G72-G79, 1984
			Lehninger, "The Molecular Basis of Cell Structure and Function", Biochemistry, Second Edition, 1975, pp. 73-75

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited

Application No.	Applicant(s)	
	Peled et al.	
Examiner	Group Art Unit	Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,073,492	12/1991	Chen et al.	435	240.2
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Chen et al., Exp. Eye Res. 39(4): 469-478 (1984). Abstract.	1984
V		
W		
X		

Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. 01/22529	SERIAL NO.
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT Tony PELED et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA		CHOMIENNE, Christine, et al., "RETINOID DIFFERENTIATION THERAPY IN PROMYELOCYTIC LEUKEMIA", The FASEB Journal, July, 199[illegible] Vol. 10, pp. 1025-1030.
	AB		AROGONES, J., et al., "DITHIOCARBAMATES TRIGGER DIFFERENTIATION AND INDUCTION OF CD11c GENE THROUGH AP-1 IN THE MYELOID LINEAGE", The Journal of Biological Chemistry, May 3, 1996, Vol. 271, No. 18, pp. 10924-10931.
	AC		EMERSON, S.G., "EX VIVO EXPANSION OF HEMATOPOIETIC PRECURSORS, PROGENITORS, AND STEM CELLS: THE NEXT GENERATION OF CELLULAR THERAPEUTICS", Blood, April 15, 1996, Vol. 87, No. 8, pp. 3082-3088.
	AD		PROTTI, M.P., et al., "PARTICULATE NATURALLY PROCESSED PEPTIDES PRIME A CYTOTOXIC RESPONSE AGAINST HUMAN MELANOMA IN VITRO", CANCER RESEARCH 56, March 15, 1996, pp. 1210-1213.
	AE		WILLIAMS, S.F., et al., "SELECTION AND EXPANSION OF PERIPHERAL BLOOD CD34$^+$ CELLS IN AUTOLOGOUS STEM CELL TRANSPLANTATION FOR BREAST CANCER", Blood, March 1, 1996, Vol. 87, No. 5, pp. 1687-1691.
	AF		YOUNG, J.W., et al., "IDENTIFICATION OF DENDRITIC CELL COLONY-FORMING UNITS AMONG NORMAL HUMAN CD34$^+$ BONE MARROW PROGENITORS THAT ARE EXPANDED BY *c-kit*-ligand AND YIELD PURE DENDRITIC CELL COLONIES IN THE PRESENCE OF GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND TUMOR NECORSIS FACTOR", The Rockefeller University Press, October , 1995, Vol.. 182, pp. 1111-1119.
	AG		BRUGGER, W., et al., "RECONSTITUTION OF HEMATOPOIESIS AFTER HIGH-DOSE CHEMOTHERAPY BY AUTOLOGOUS PROGENITOR CELLS GENERATED EX VIVO", THE NEW ENGLAND JOURNAL OF MEDICINE August 3, 1995, Vol. 333, No. 5, pp. 283-287.
	AH		SANDSTROM, C.E., et al., "EFFECTS OF CD34$^+$ CELL SELECTION AND PERFUSION ON EX VIVO EXPANSION OF PERIPHERAL BLOOD MONONUCLEAR CELLS", Blood, August 1, 1995, Vol. 86, No. 3, pp. 958-970.
	AI		AMMENDOLA, R., et al., "THE DNA-BINDING EFFICIENCY OF Sp1 IS AFFECTED BY REDOX CHANGES", May/July, 1994, pp. 483-489.
	AJ		BERNHARD, H., et al., "GENERATION OF IMMUNOSTIMULATORY DENDRITIC CELLS FROM HUMAN CD34$^+$ HEMATOPOIETIC PROGENITOR CELLS OF THE BONE MARROE AND PERIPHERAL BLOOD", CANCER RESEARCH 55, March 1, 1995, pp. 1099-1104.
	AK		WALKER, L.J., , et al., "IDENTIFICATION OF RESIDUES IN THE HUMAN DNA REPAIR ENZYME HAP1 (REF-1) THAT ARE ESSENTIAL FOR REDOX REGULATION OF JUN DNA BINDING", MOLECULAR AND CELLULAR BIOLOGY, September 1993, Vol. 13, No. 9, pp. 5370-5376.
	AL		KOLLER, M.R., et al., "LARGE-SCALE EXPANSION OF HUMAN STEM AND PROGENITOR CELLS FROM BONE MARROW MONONUCLEAR CELLS IN CONTINUOUS PERFUSION CULTURES", Blood, July 15, 1993, Vol. 82, No. 2, pp. 378-384
	AM		NAITO, Y., et al., "EFFECTS OF PYRROLOQUINILINE QUINONE (PQQ) AND PQQ-OXAZOLE ON DNA SYNTHESIS OF CULTURED HUMAN FIBROBLASTS", LIFE SCIENCES, 1993, Vol. 52, No. 24, pp. 1909-1915.
	AN		XANTHOUDAKIS, S., et al., "REDOX ACTIVATION OF FOS-JUN DNA BINDING ACTIVITY IS MEDIATED BY A DNA REPAIR ENZYME", The EMBO Journal, 1992, Vol. 11, No. 9, pp. 3323-3335.
	AO		STERN, R.V., et al., "A TENTACLE GEL SIMPLIFIES THE PURIFICATION OF CERULOPLASMIN", BIOCHEMISTRY INTERNATIONAL, July 1992, Vol. 27, No. 21, pp. 281-289.

Based on Form PTO-1449
(3/90)

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
01/22529	
APPLICANT: Tony PELED et al.	
FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO	
							YES	N(

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP		FOLKMAN, J., "WHAT IS THE EVIDENCE THAT TUMORS ARE ANGIOGENESIS DEPENDENT?", Journal of the National Cancer Institute, January 3, 1990, Vol. 82, No. 1, pp. 4-6.
	AQ		SHABO, Y., et al., "THE MYELOID BLOOD CELL DIFFERENTIATION-INDUCING PROTEIN MGI-2A IS INTERLEUKIN-6", Blood, Decemb 1988, Vol. 72, No. 6, pp. 2070-2073.
	AR		CALABRESE, L., et al., "REEXAMINATION OF SPECTROSCOPIC PROPERTIES OF CERULOPLASMIN FRESHLY ISOLATED WITH A NOVEL VERY RAPID SINGLE-STEP PROCEDURE", BIOCHEMISTRY INTERNATIONAL, February, 1988, Vol. 16, No. 2, pp. 199-208.
	AS		BREITMAN, T.R., et al., "INDUCTION OF DIFFERENTIATION OF THE HUMAN PROMYELOCYTIC LEUKEMIA CELL LINE (HL-60) BY RETINOIC ACID", Proc. Natl. Acad. Sci. USA, May, 1980, Vol. 77, No. 5, pp. 2936-2940.
	AT		SHIMIZU, M., "CLINICAL RESULTS ON THE USE OF HUMAN CERULOPLASMIN IN APLASTIC ANEMIA", Transfusion, Nov./Dec., 1979, 19, No. 6, pp. 742-748.
	AU		COLLINS, S.J., et al., "TERMINAL DIFFERENTIATION OF HUMAN PROMYELOCYTIC LEUKEMIA CELLS INDUCED BY DIMETHYL SULFOXIDE AND OTHER POLAR COMPOUNDS", Proc. Natl. Acad. Sci. USA, May, 1978, Vol. 75, No. 5, pp. 2458-2462.
	AV		FIBACH, E., et al., "Control of Normal Differentiation of Myeloid Leukemic Cells: XI. INDUCTION OF A SPECIFIC REQUIREMENT FOR CELL VIABILITY AND GROWTH DURING THE DIFFERENTIATION OF MYELOID LEUKEMIC CELLS", JOURNAL OF CELLULAR PHYSIOLO February, 1976, Vol. 89, pp. 259-266.
	AW		FIBACH, E., et al., " Control of Normal Differentiation of Myeloid Leukemic Cells: VIII. INDUCTION OF DIFFERENTIATION TO MATURE GRANULOCYTES IN MASS CULTURE", JOURNAL OF CELLULAR PHYSIOLOGY, October , 1975, Vol. 86, No. 2, pp. 221-230.
	AX		FOLKMAN, J., "TUMOR ANGIOGENESIS: THERAPEUTIC IMPLICATIONS", THE NEW ENGLAND JOURNAL OF MEDICINE, November 1 1971, Vol. 285, No. 21, pp. 1182-1186.
	AY		HAYASHI, M. et al., "CONTROL OF NORMAL DIFFERENTIATION OF MYELOID LEUKEMIC CELLS V. NORMAL DIFFERENTIATION IN ANEUPLOID LEUKEMIC CELLS AND THE CHROMOSOME BANDING PATTERN OF D⁻ AND D· CLONES", International Journal of Cancer, March 6, 1974, Vol. 14, pp. 40-48.
	AZ		INBAR, M., et al., "MOBILITY OF CARBOHYDRATE-CONTAINING STRUCTURES ON THE SURFACE MEMBRANE AND THE NORMAL DIFFERENTIATION OF MYELOID LEUKEMIC CELLS TO MACROPHAGES AND GRANULOCYTES", Proc. Natl. Acad. Sci. USA, Septembe 1973, Vol. 70, No. 9, pp. 2577-2581.
	BA		FIBACH, E, et al., " Control of Normal Differentiation of Myeloid Leukemic Cells: IV. INDUCTION OF DIFFERENTIATION BY SERUM FROM ENDOTOXIN TREATED MICE", JOURNAL OF CELLULAR PHYSIOLOGY, April, 1974, Vol. 83, No. 2, pp. 177-185.
	BB		FIBACH, E., et al., "CONTROL OF NORMAL DIFFERENTIATION OF MYELOID LEUKEMIC CELLS TO MACROPHAGES AND GRANULOCYTES", Proc. Natl. Acad. Sci. USA, February, 1973, Vol. 70, No. 2, pp. 343-346.
	BC		FIBACH, E., et al.,"NORMAL DIFFERENTIATION OF MYELOID LEUKAEMIC CELLS INDUCED BY A PROTEIN DIFFERENTIATION-INDUCING PROTEIN", Nature New Biology, June 28, 1972, Vol. 237, No. 78, pp. 276-278.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.